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1. (currently amended) A graphical user interface (GUI) for configuring pipelines, the GUI displayable on a user computer monitor and stored on a computer memory and comprising:

at least one pipe input set window configured to permit a user to define a type of pipe input set data;

at least one GUI page based on the type, the GUI page being generated by translating the type using a configuration file to a class and using Java reflection to generate an instance of the class, the instance producing the GUI page; and

using the GUI page to configure a data pipeline, and the GUI further comprising at least one *Pipe Output Set* tab for defining *PipeOutputSet* representative of a type of output data from the pipeline.

2. (original) The GUI of Claim 1, wherein at least the pipe input set window and GUI page require no programming apart from an initial core code.

3. (original) The GUI of Claim 1, wherein the GUI is an incremental GUI wherein GUI pages for new pipe components can be added incrementally without changing existing code.

4. (original) The GUI of Claim 3, wherein at least one new pipe module is based on a pre-existing module type.

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5. (original) The GUI of Claim 3, wherein at least one new pipe module is based on a new user-defined component type.

6. (original) The GUI of Claim 1, wherein the GUI defines a set of interfaces, each interface including plural functions, the GUI including a GUI representation part and a storage part, the GUI representation part defining how something is displayed and the storage part defining how GUI parameters are stored in an external storage.

7. (canceled).

8. (currently amended) ~~The GUI of Claim 1,~~ A graphical user interface (GUI) for configuring pipelines, the GUI displayable on a user computer monitor and stored on a computer memory and comprising:

at least one pipe input set window configured to permit a user to define a type of pipe input set data;

at least one GUI page based on the type, the GUI page being generated by translating the type using a configuration file to a class and using Java reflection to generate an instance of the class, the instance producing the GUI page; and

using the GUI page to configure a data pipeline and the GUI further comprising:

at least one *Storage For TupleSets* tab for defining an arbitrary number of elements contained in a *StorageForTupleSets* component of the pipeline, individual input and output sets being definable for each element in the component.

9. (currently amended) ~~The GUI of Claim 1,~~ A graphical user interface (GUI) for configuring pipelines, the GUI displayable on a user computer monitor and stored on a computer memory and comprising:

at least one pipe input set window configured to permit a user to define a type of pipe input set data;

at least one GUI page based on the type, the GUI page being generated by translating the type using a configuration file to a class and using Java reflection to generate an instance of the class, the instance producing the GUI page; and

using the GUI page to configure a data pipeline and the GUI further comprising at least one *Pipe Modules* tab for defining an arbitrary number of *PipeModules* of the pipeline, a type being selected for each *PipeModule* using the tab, the type defining at least in part the GUI.

10-25 (canceled).

26. (new) The GUI of Claim 8, wherein at least the pipe input set window and GUI page require no programming apart from an initial core code.

27. (new) The GUI of Claim 8, wherein the GUI is an incremental GUI wherein GUI pages for new pipe components can be added incrementally without changing existing code.

28. (new) The GUI of Claim 27, wherein at least one new pipe module is based on a pre-existing module type.

29. (new) The GUI of Claim 27, wherein at least one new pipe module is based on a new user-defined component type.

30. (new) The GUI of Claim 8, wherein the GUI defines a set of interfaces, each interface including plural functions, the GUI including a GUI representation part and a storage part, the GUI representation part defining how something is displayed and the storage part defining how GUI parameters are stored in an external storage.

31. (new) The GUI of Claim 9, wherein at least the pipe input set window and GUI page require no programming apart from an initial core code.

32. (new) The GUI of Claim 9, wherein the GUI is an incremental GUI wherein GUI pages for new pipe components can be added incrementally without changing existing code.

33. (new) The GUI of Claim 32, wherein at least one new pipe module is based on a pre-existing module type.

34. (new) The GUI of Claim 32, wherein at least one new pipe module is based on a new user-defined component type.

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35. (new) The GUI of Claim 9, wherein the GUI defines a set of interfaces, each interface including plural functions, the GUI including a GUI representation part and a storage part, the GUI representation part defining how something is displayed and the storage part defining how GUI parameters are stored in an external storage.